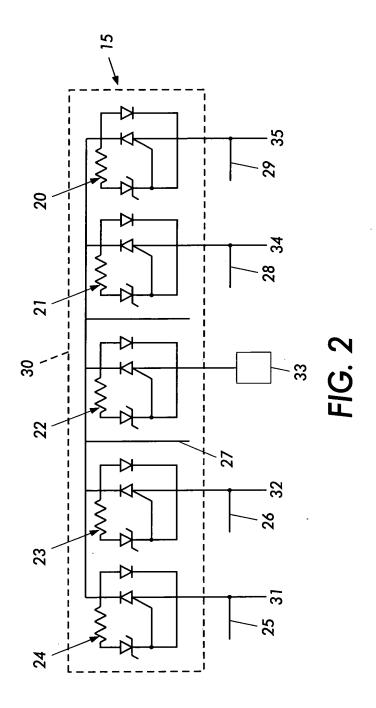
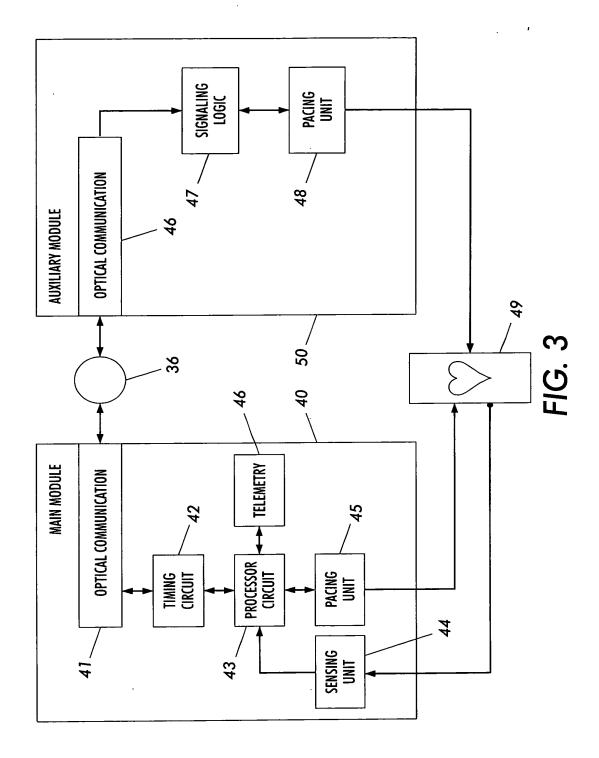


FIG. 1

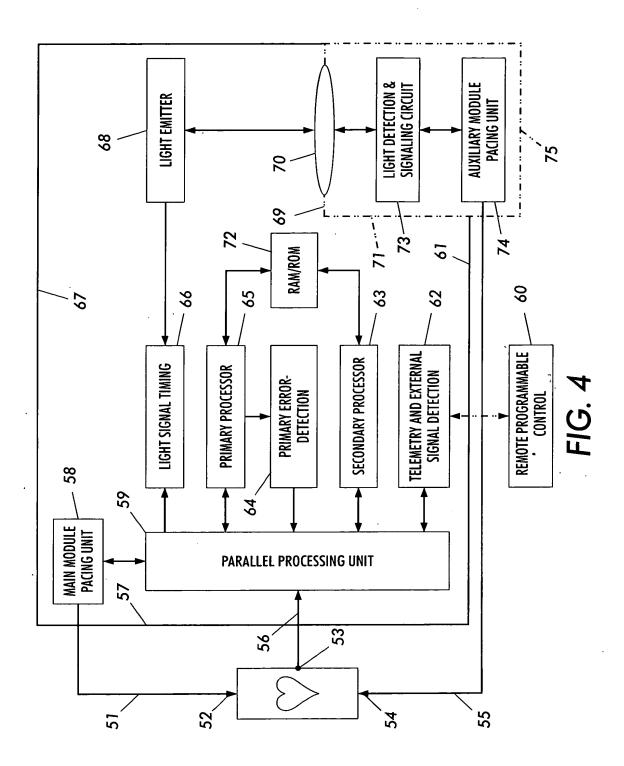
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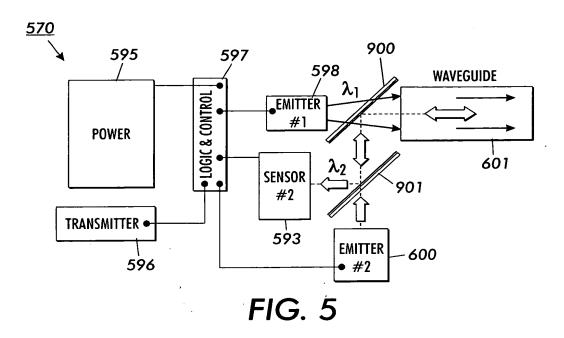


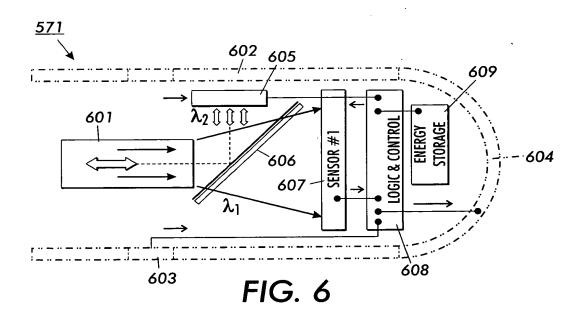
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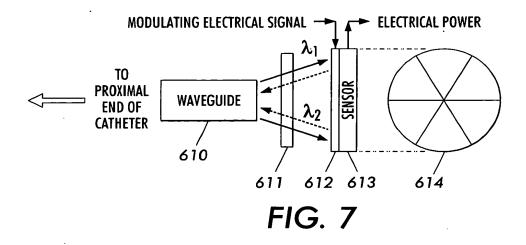
_

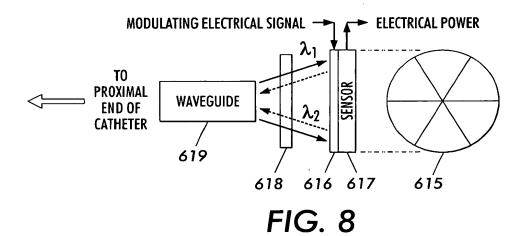
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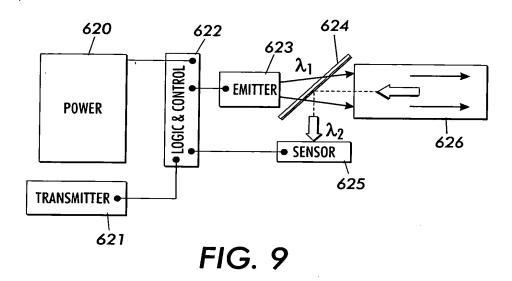


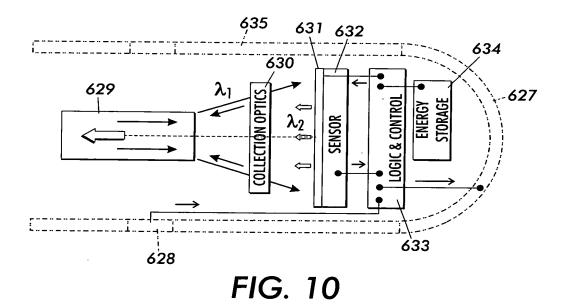
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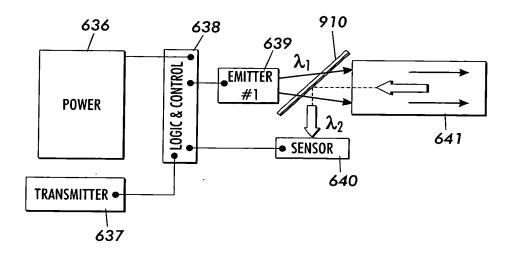
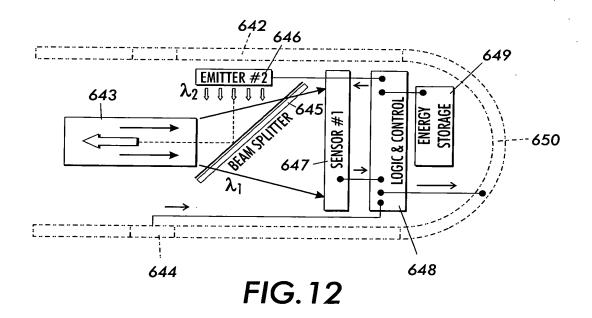
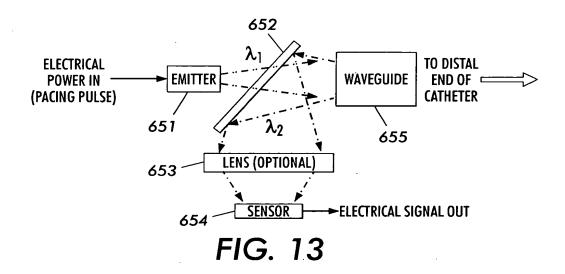


FIG. 11



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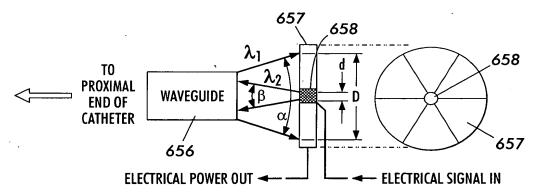


FIG. 14

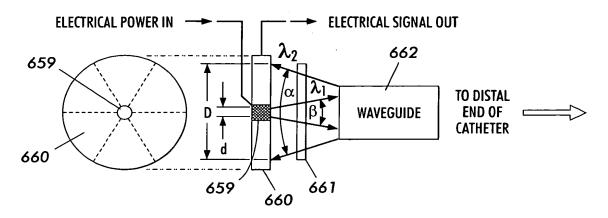


FIG. 15

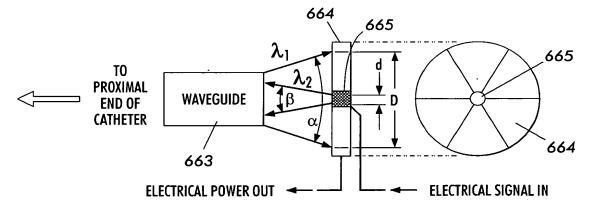
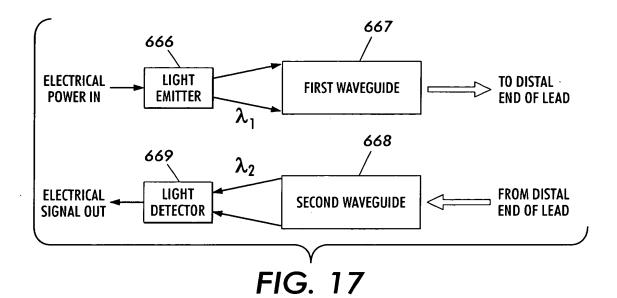


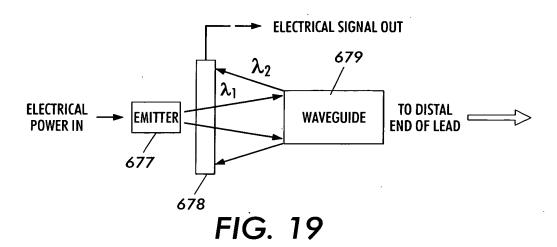
FIG. 16

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671 670 λ_1 FROM PROXIMAL END OF LEAD FIRST WAVEGUIDE **ELECTRICAL POWER OUT** 673 672 λ_2 LIGHT TO PROXIMAL END OF LEAD **ELECTRICAL SECOND WAVEGUIDE EMITTER** SIGNAL IN FIG. 18

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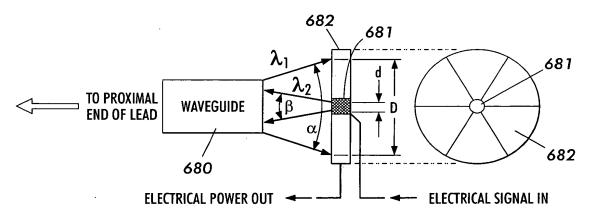


FIG. 20

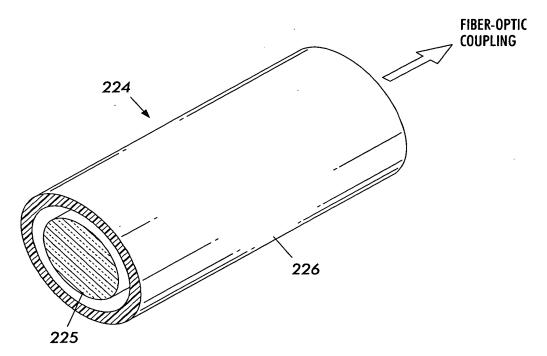


FIG. 21

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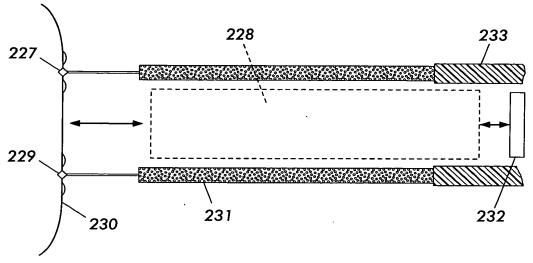


FIG. 22

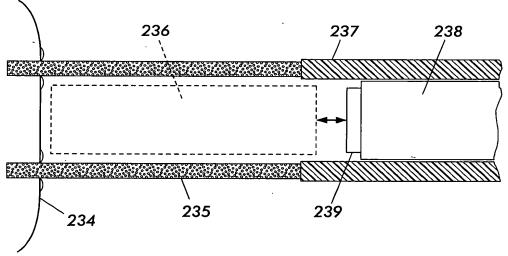


FIG. 23

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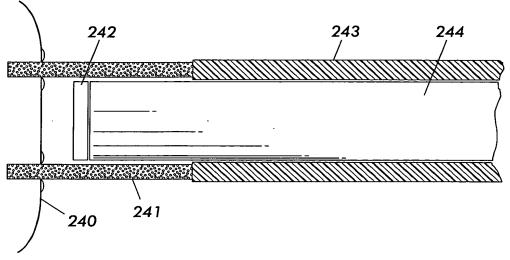


FIG. 24

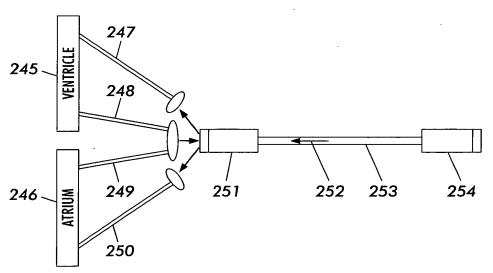


FIG. 25

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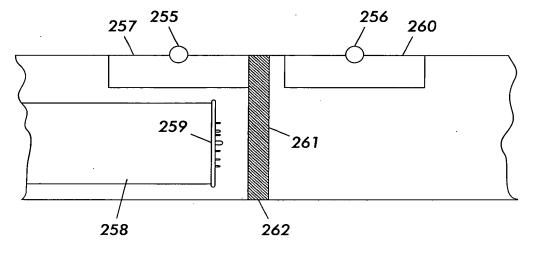
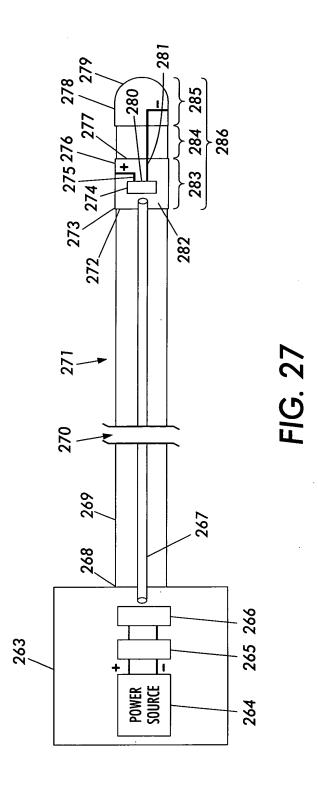


FIG. 26

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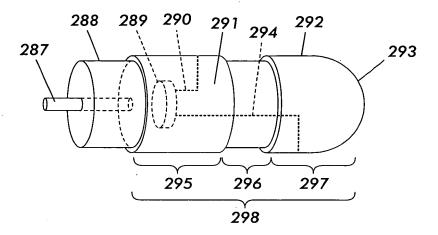
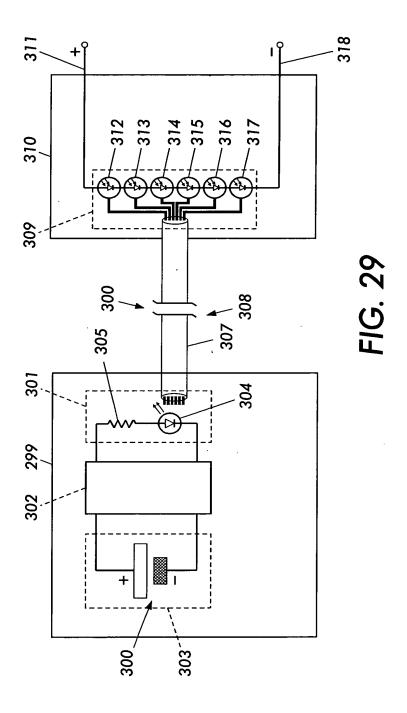
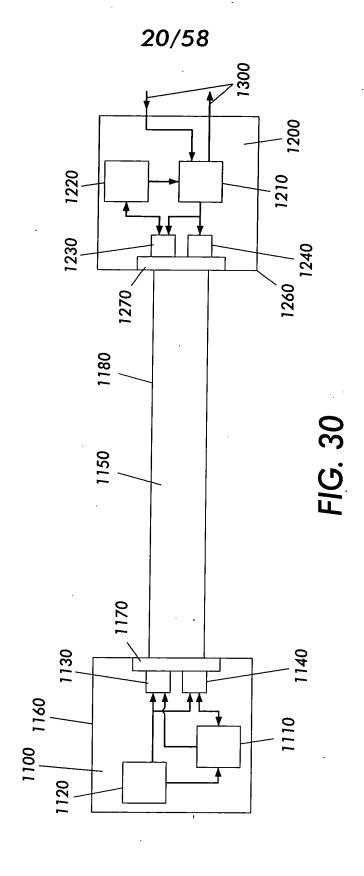


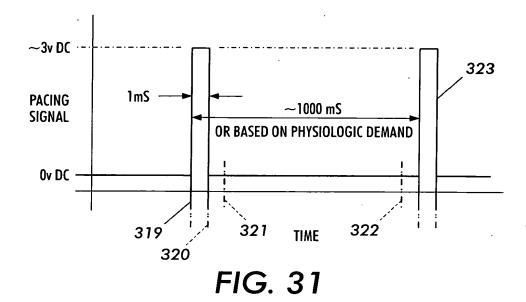
FIG. 28

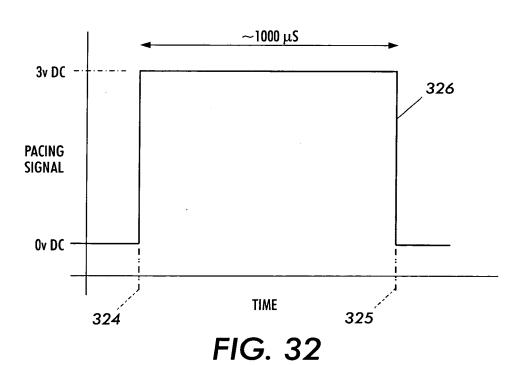
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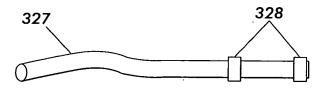
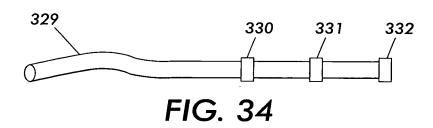


FIG. 33



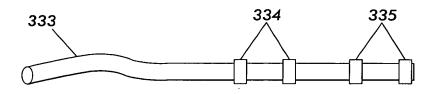


FIG. 35

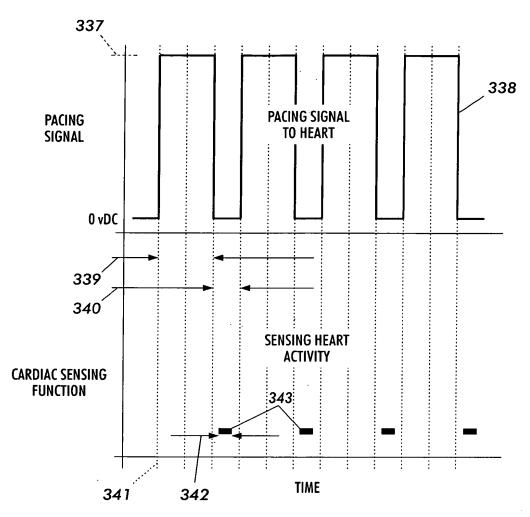


FIG. 36

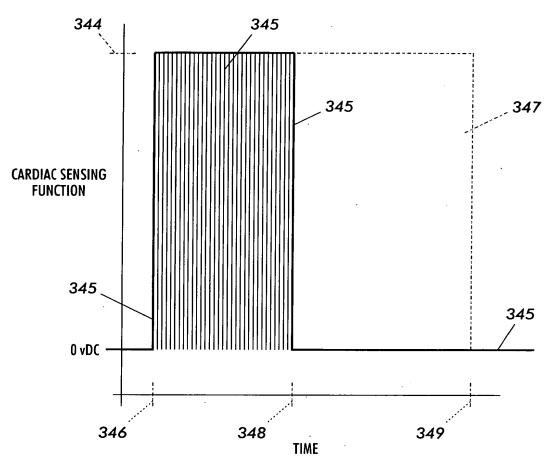


FIG. 37

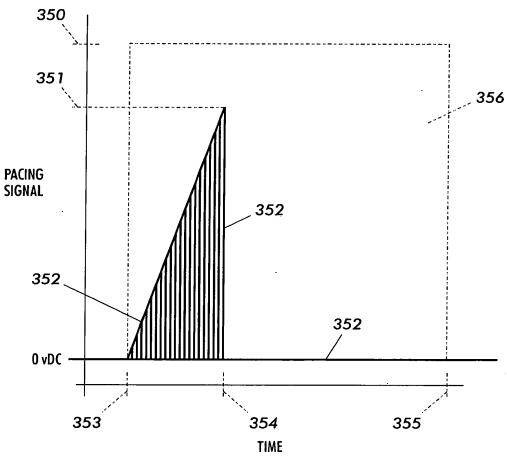


FIG. 38

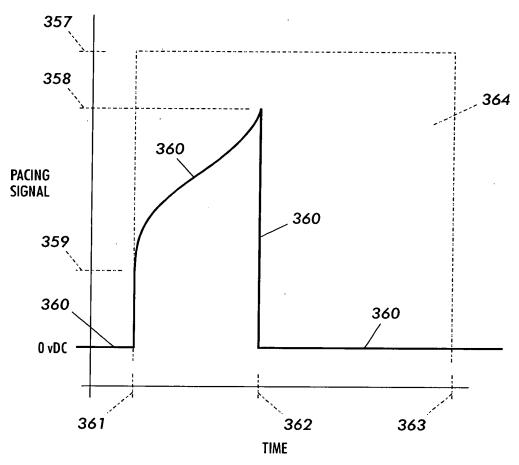
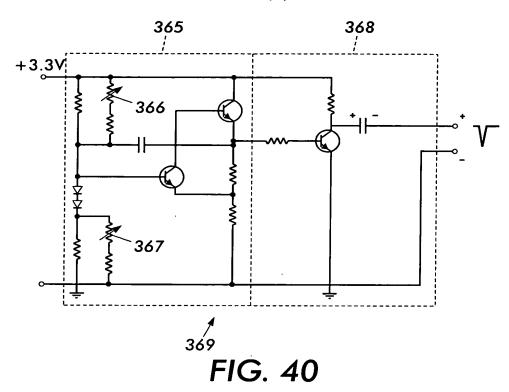
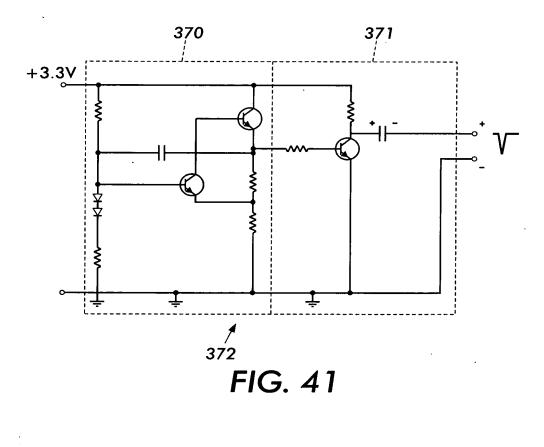


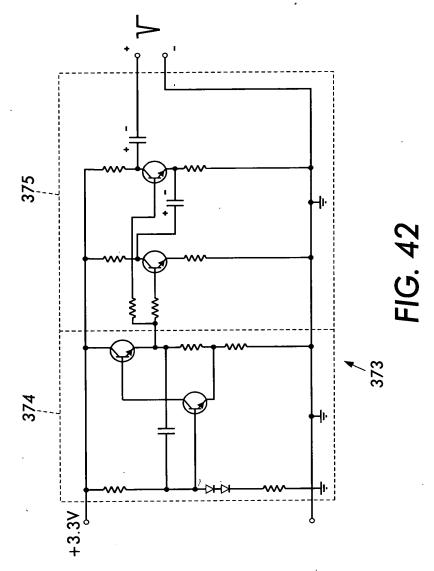
FIG. 39

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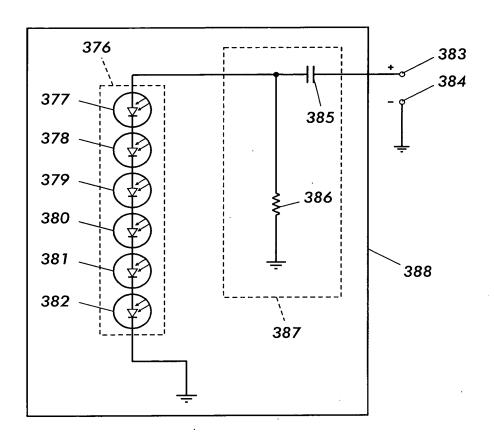


FIG. 43

The Mary of the State of the St

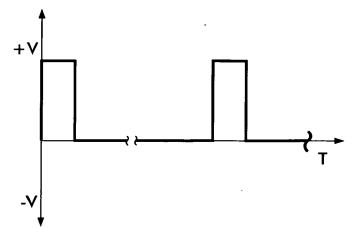


FIG. 44

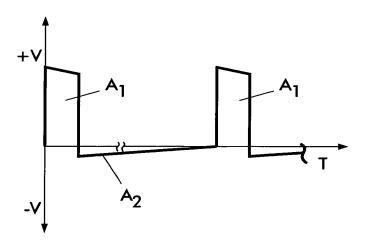


FIG. 45

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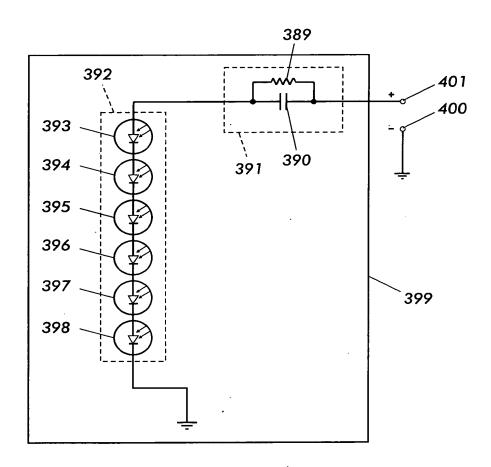


FIG. 46

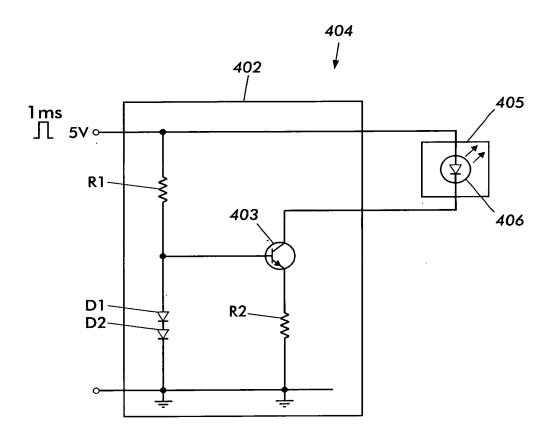
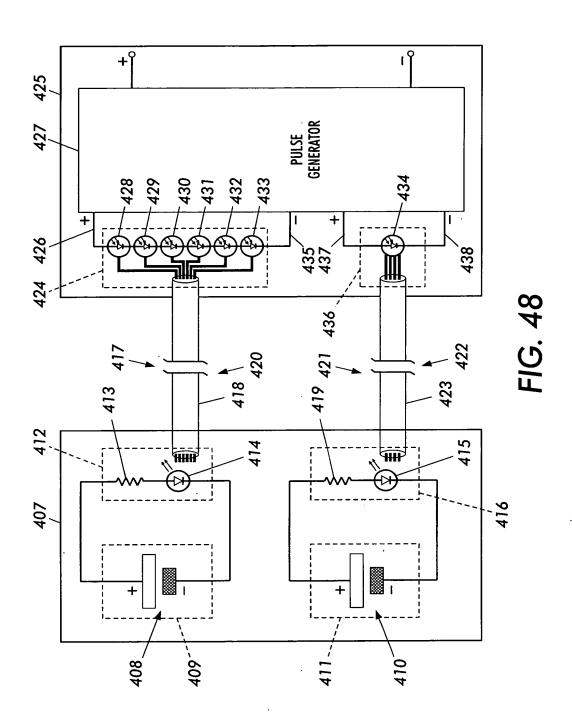


FIG. 47

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. . .

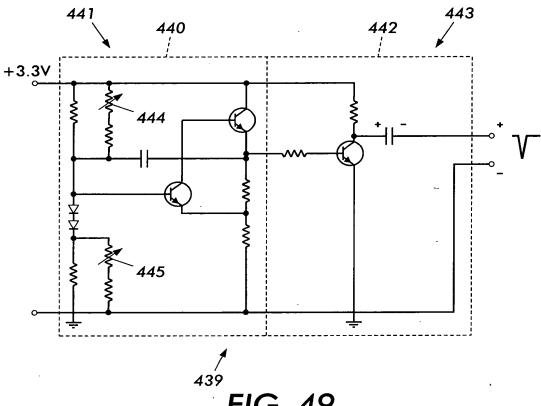
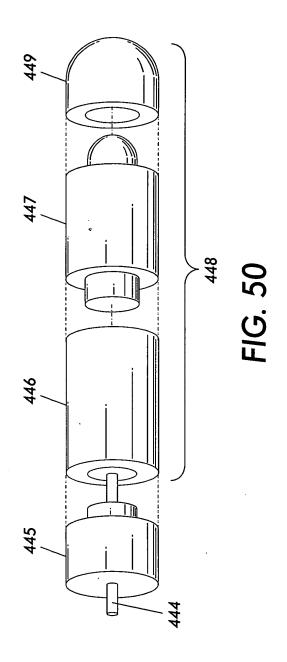
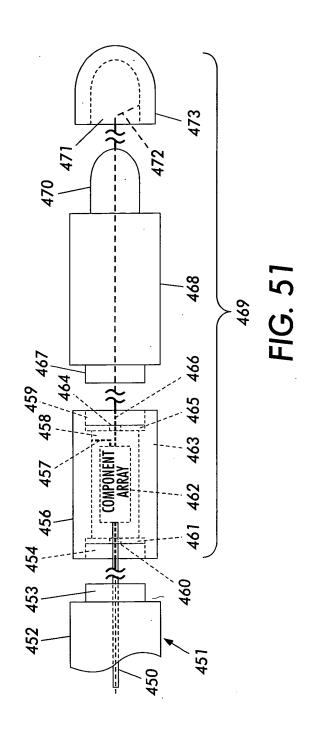


FIG. 49

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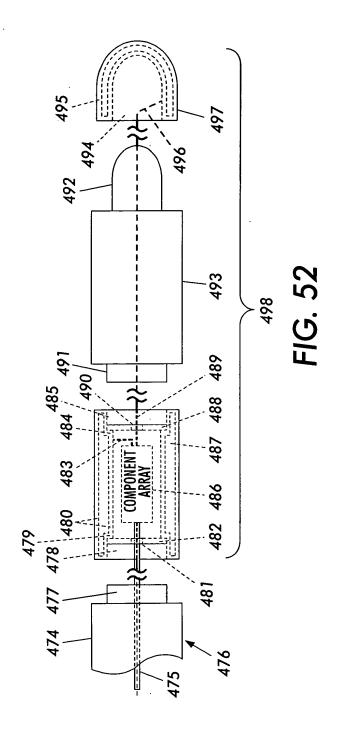


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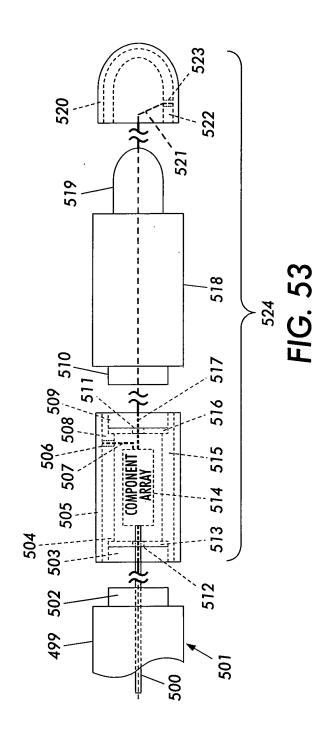
And the same of th

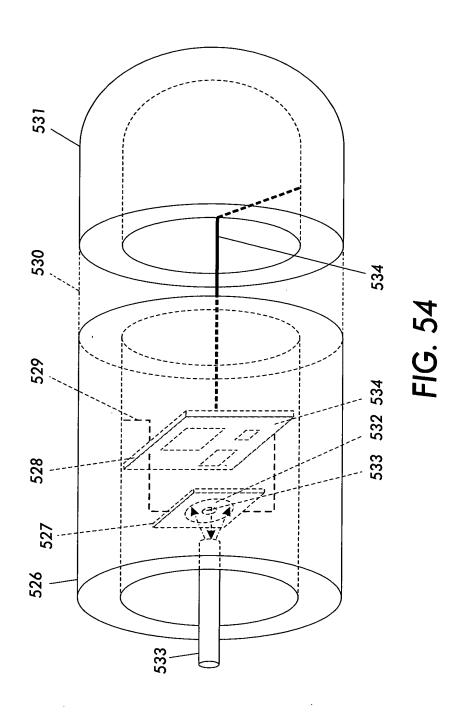
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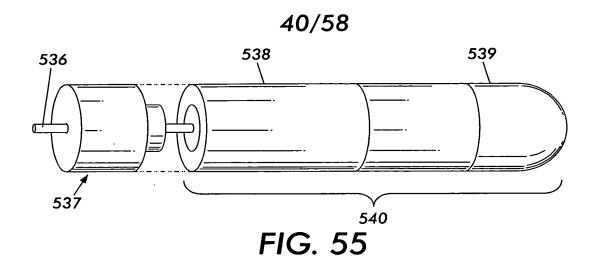


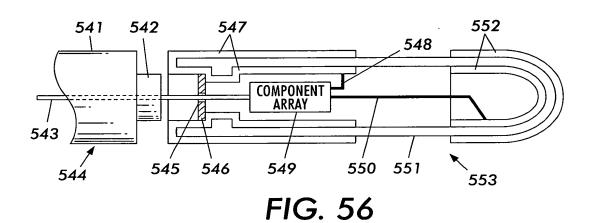


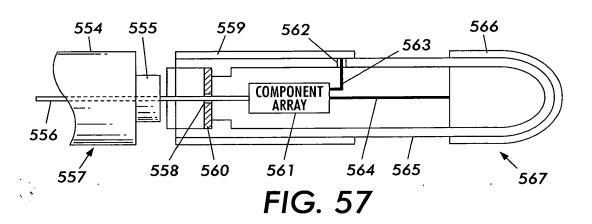
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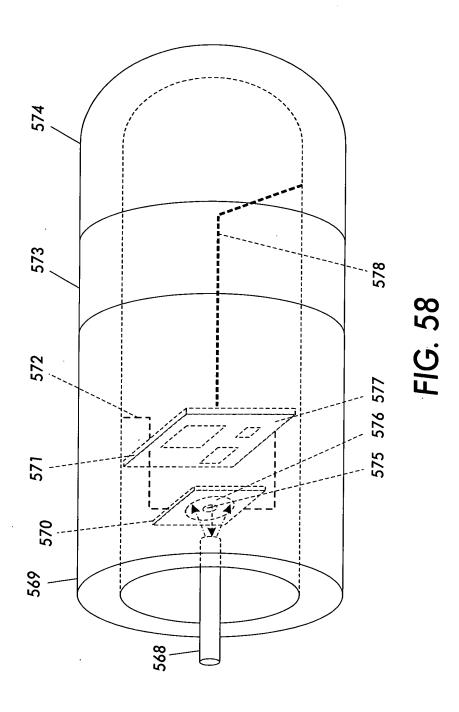




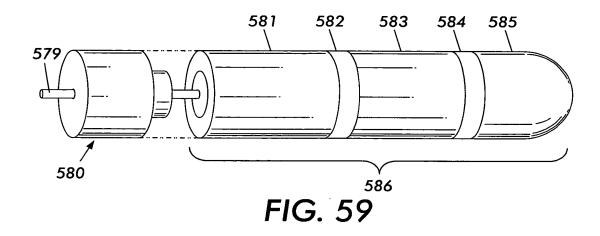


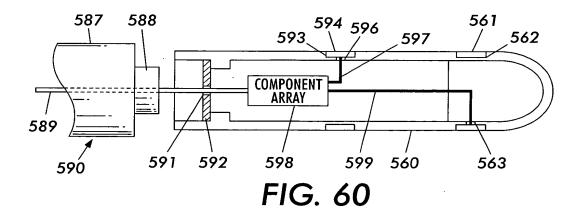


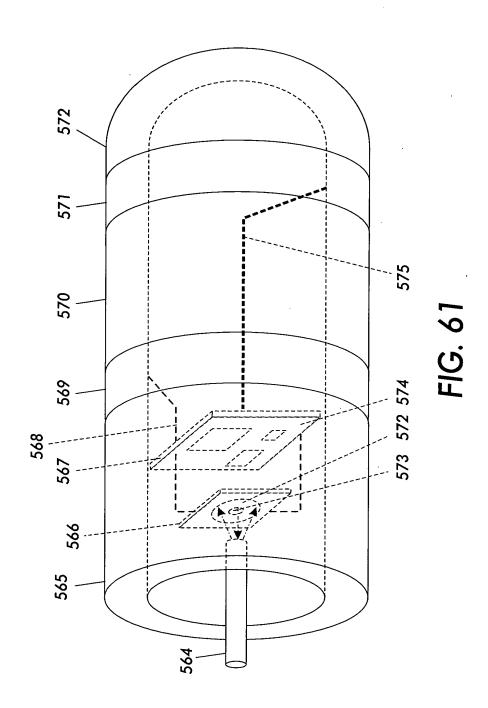




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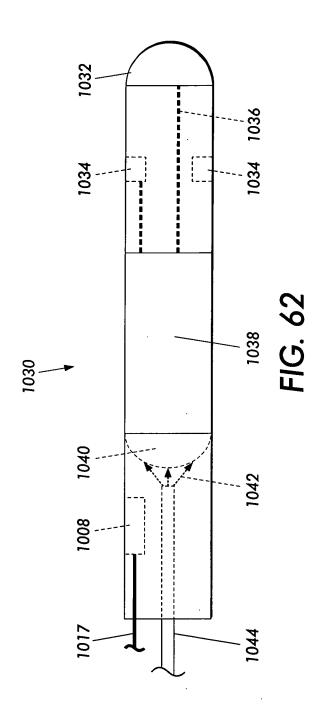


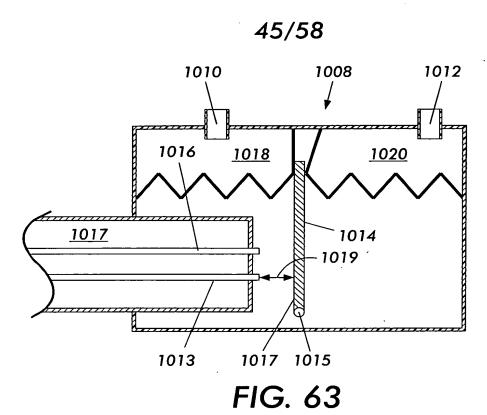


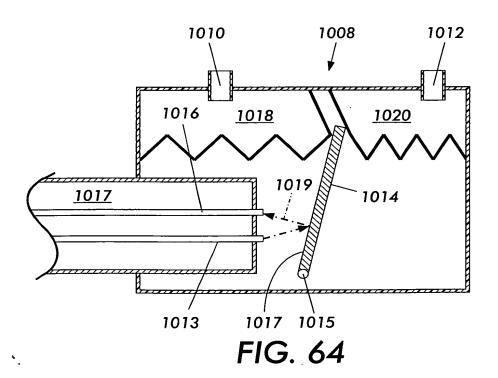


The state of the s

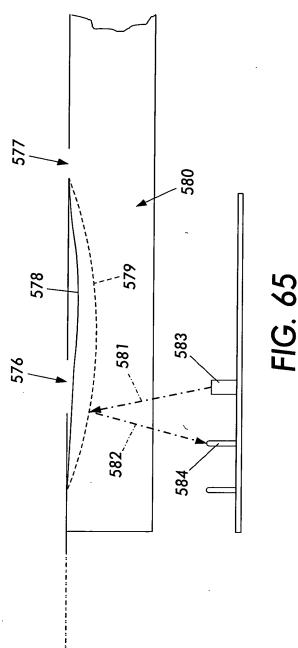
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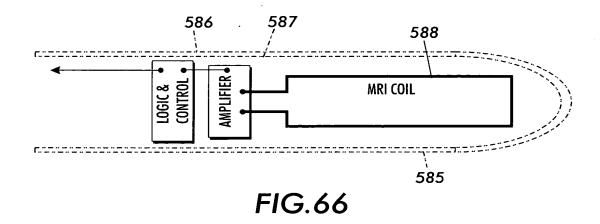


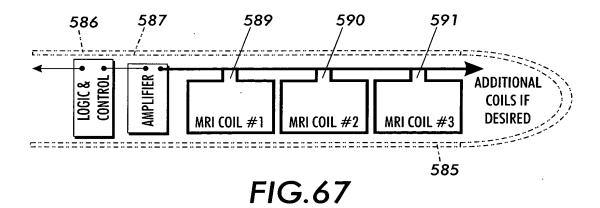


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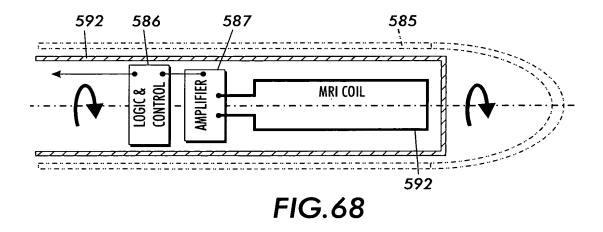


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586 587 593 594 585

MRI COIL #1

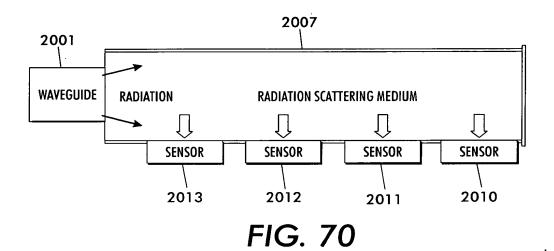
MRI COIL #2 (EDGE SHOWN)

593

MRI COIL #2

FIG.69

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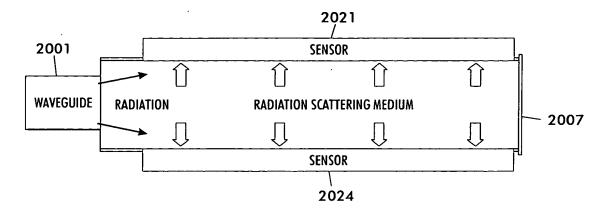


FIG. 71

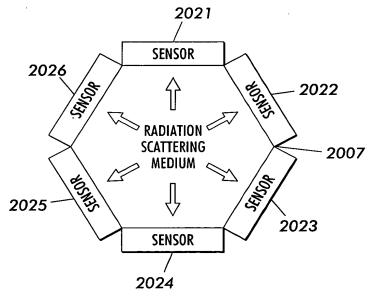


FIG. 72

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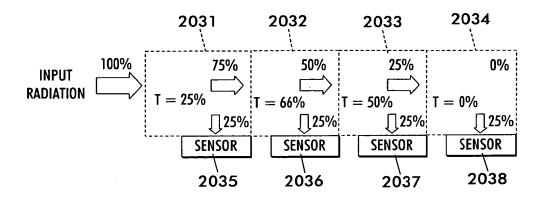


FIG.73

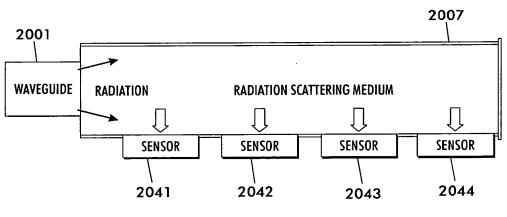


FIG.74

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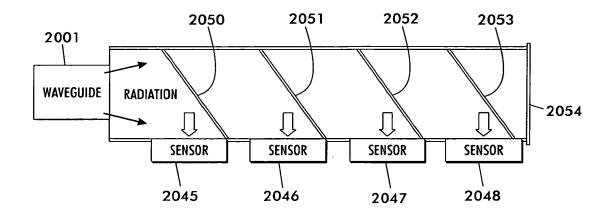


FIG.75

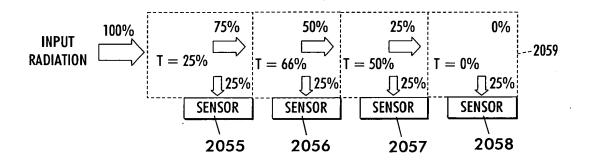


FIG.76

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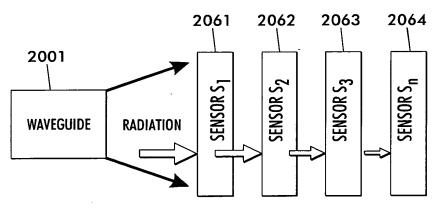


FIG. 77

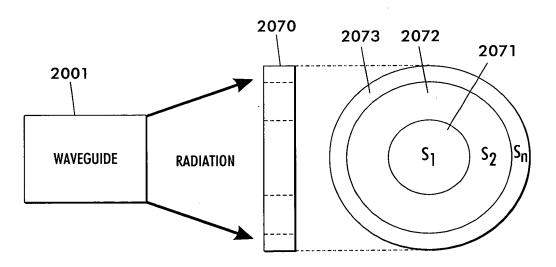


FIG. 78

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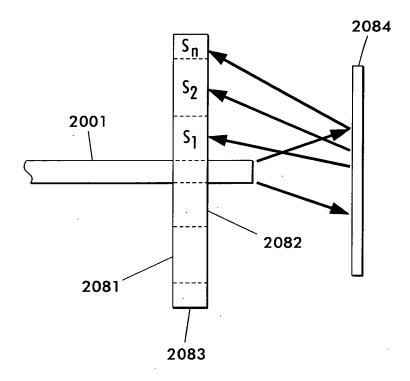
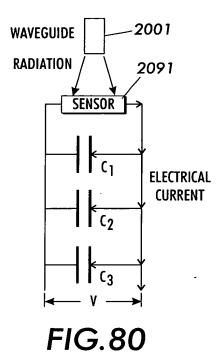
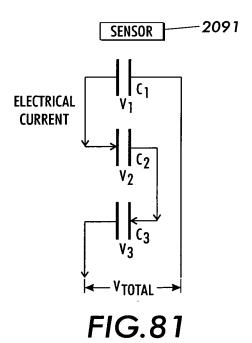


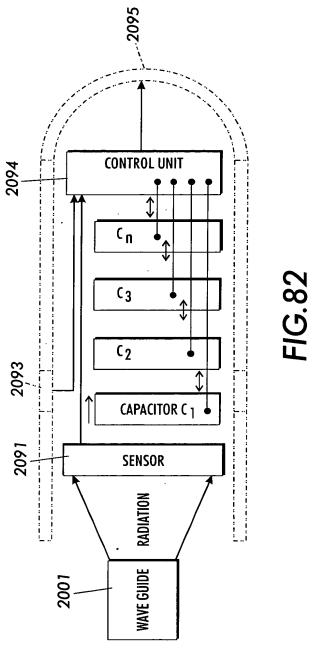
FIG. 79

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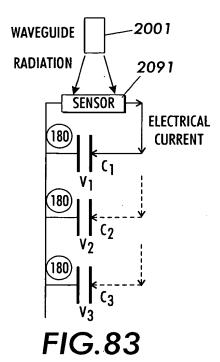


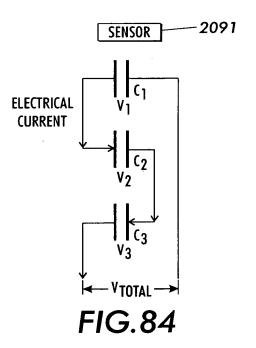


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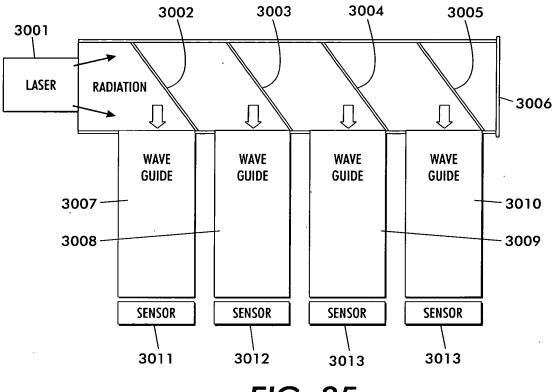


FIG. 85